

STAT5a Recombinant Monoclonal Antibody [BLR124H]

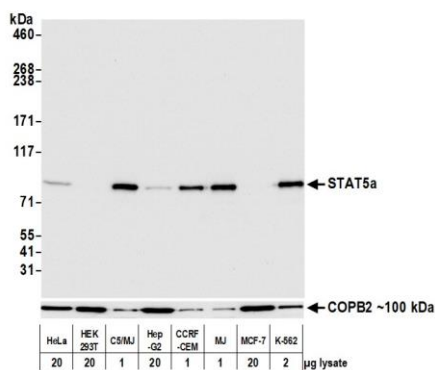
Rabbit Recombinant Monoclonal

Purified		Protein ID	NP_001275647.1
Catalog No.	A700-124-T	GeneID	6776
Lot No.	A700-124-T-1		

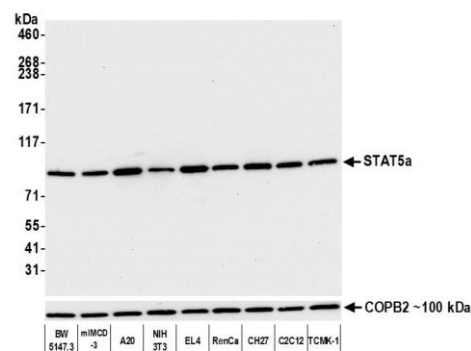


APPLICATIONS	WB, IP, IHC, ICC
SPECIES REACTIVITY	Human, Mouse
AMOUNT	10 µl (5+ tests)
CONCENTRATION	100 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
CLONE #	BLR124H
ORIGIN	USA
PRODUCTION PROCEDURES	Recombinant antibody was purified from cell culture supernatant. Immunogen was a peptide representing a region between residue 744 and the C-terminus (residue 794) of human signal transducer and activator of transcription 5a using the numbering given in entry NP_001275647.1 (Gene ID 6776).
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Western Blot 1:1,000 Immunoprecipitation 20 µl/1 mg lysate Immunohistochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. Immunocytochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.
IHC HUMAN CONTROLS	Breast, Breast Carcinoma, Lymph Node, Melanoma, Testicular Seminoma, Tonsil, C5/MJ Cells, CCRF-CEM cells, K-562 Cells, KG-1 Cells, MJ Cells
IHC MOUSE CONTROLS	Spleen, RenCa Cells
ADDITIONAL INFO	https://www.bethyl.com/product/A700-124-T Use the link above to view SDS, a current list of citations, and other product specific information.

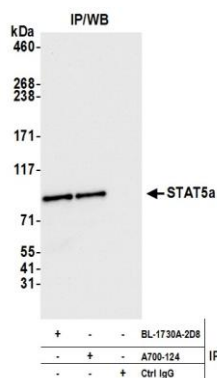
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Brian McWilliams, PhD Date: December 1, 2020



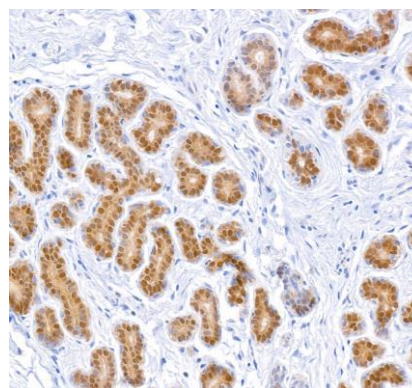
Detection of human STAT5a by western blot. *Samples:* Whole cell lysate from HeLa, HEK293T, C5/MJ, Hep-G2, CCRF-CEM, MJ, MCF-7, and K-562 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-STAT5a recombinant monoclonal antibody [BLR124H] (A700-124-T lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 3 seconds.



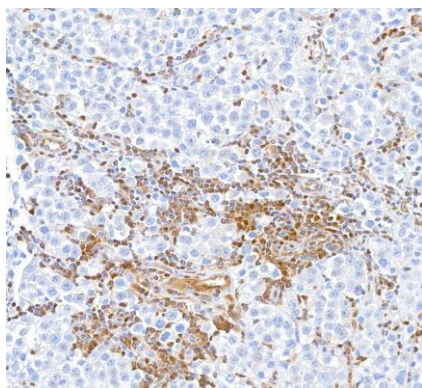
Detection of mouse STAT5a by western blot. *Samples:* Whole cell lysate (10 µg) from BW5147.3, mIMCD-3, A20, NIH 3T3, EL4, RenCa, CH27, C2C12, and TCMK-1 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-STAT5a recombinant monoclonal antibody [BLR124H] (A700-124-T lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 10 seconds.



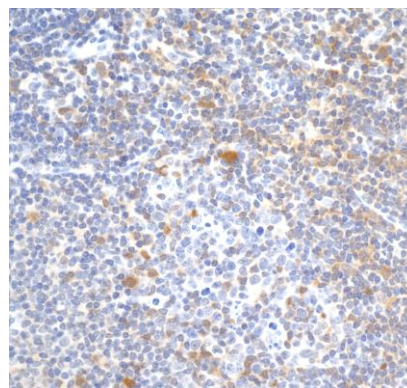
Detection of human STAT5a by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-STAT5a recombinant monoclonal antibody [BLR124H] (A700-124-T lot 1) used for IP at 20 µl/mg lysate. STAT5a was also immunoprecipitated by rabbit anti-STAT5a antibody BL-1730A-2D8. For blotting immunoprecipitated STAT5a, A700-124 was used at 1:1000. Chemiluminescence with an exposure time of 3 seconds.



Detection of human STAT5a in FFPE breast carcinoma by immunohistochemistry. *Antibody:* Rabbit anti-STAT5a recombinant monoclonal antibody [BLR124H] (A700-124-T Lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human STAT5a in FFPE testicular seminoma by immunohistochemistry. *Antibody:* Rabbit anti-STAT5a recombinant monoclonal antibody [BLR124H] (A700-124-T). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of mouse STAT5a in FFPE spleen by immunohistochemistry. *Antibody:* Rabbit anti-STAT5a recombinant monoclonal antibody [BLR124H] (A700-124-T Lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human STAT5a in FFPE CCRF-CEM cells by immunocytochemistry. *Antibody:* Rabbit anti-STAT5a recombinant monoclonal antibody [BLR124H] (A700-124-T Lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.